

ABSTRACT OF THE DISCLOSURE

A method for manufacturing a membrane electrode assembly for a solid polymer type fuel cell which includes a process for forming an intermediate lamination layer body by laminating a catalyst electrode layer on an electrolyte membrane including an ion conductivity, and a process for hot pressing for forming the membrane electrode assembly to unify the intermediate lamination layer body and porous gas diffusion layers positioned on both sides on the intermediate lamination layer body in a thickness direction. The intermediate lamination layer body is heat treated by maintaining heating at a temperature range equal to or higher than a glass-transition temperature of the electrolyte polymer included in the catalyst electrode layer and equal to or lower than thermal decomposition temperature before the hot pressing process under a condition that the gas diffusion layers are not laminating on the intermediate lamination layer body.

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